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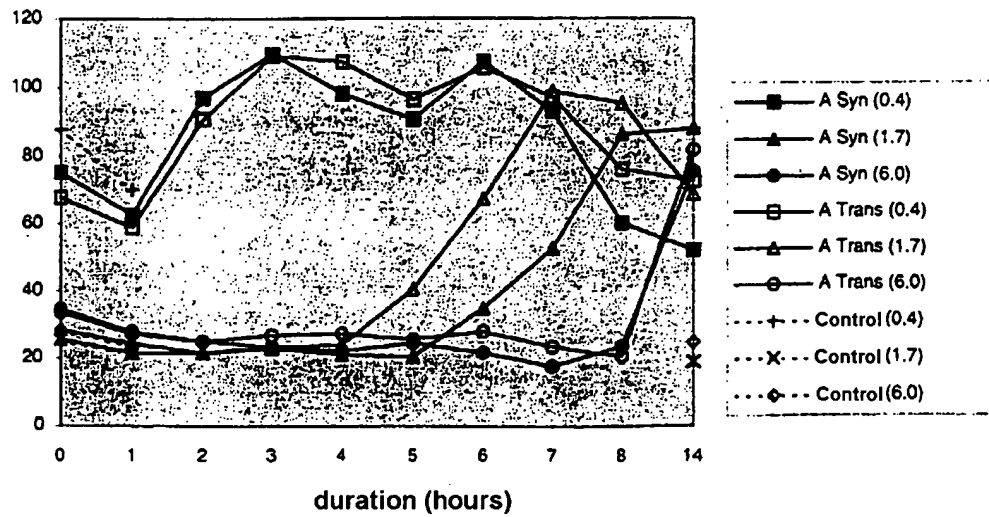
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Fig. 1

Study of the release of DNA at pH 5.0

fluorescence (%)



0972854-10001

Fig. 2

Efficiency of transfection *in vitro*

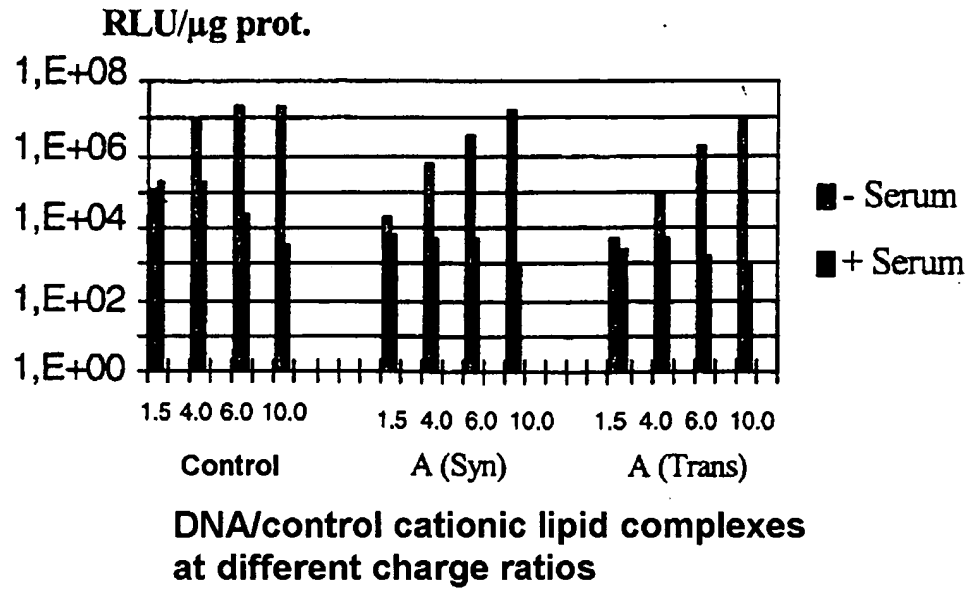


Fig. 3

Stabilization of the nucleolipid complexes by compound C, compound D, BRIJ700 or analog D

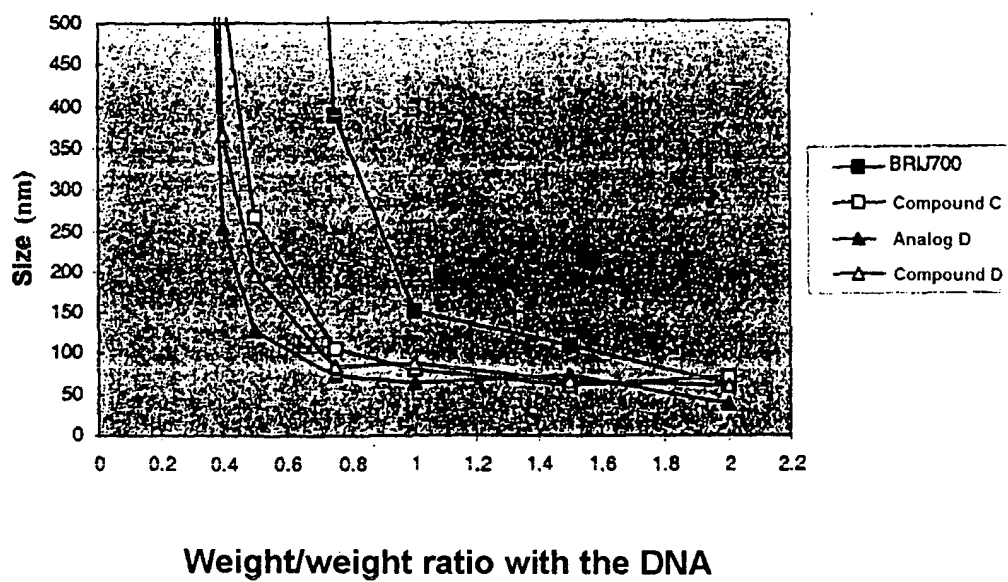


Fig. 4

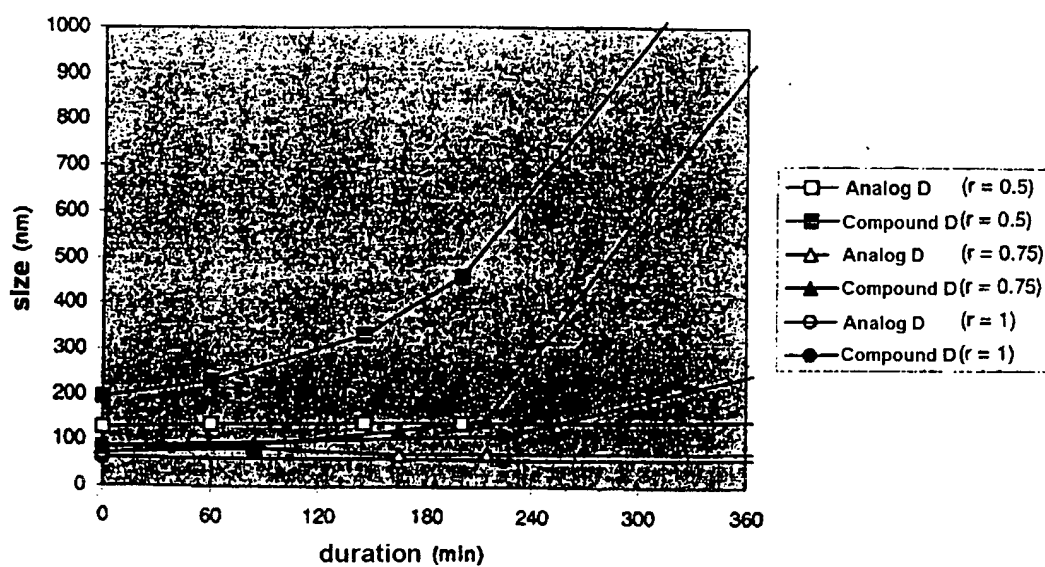


Fig. 5

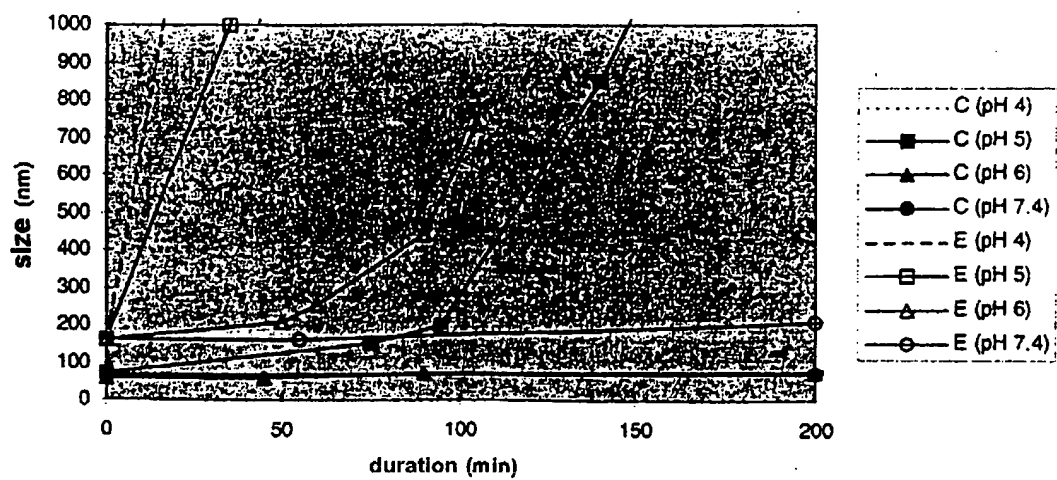
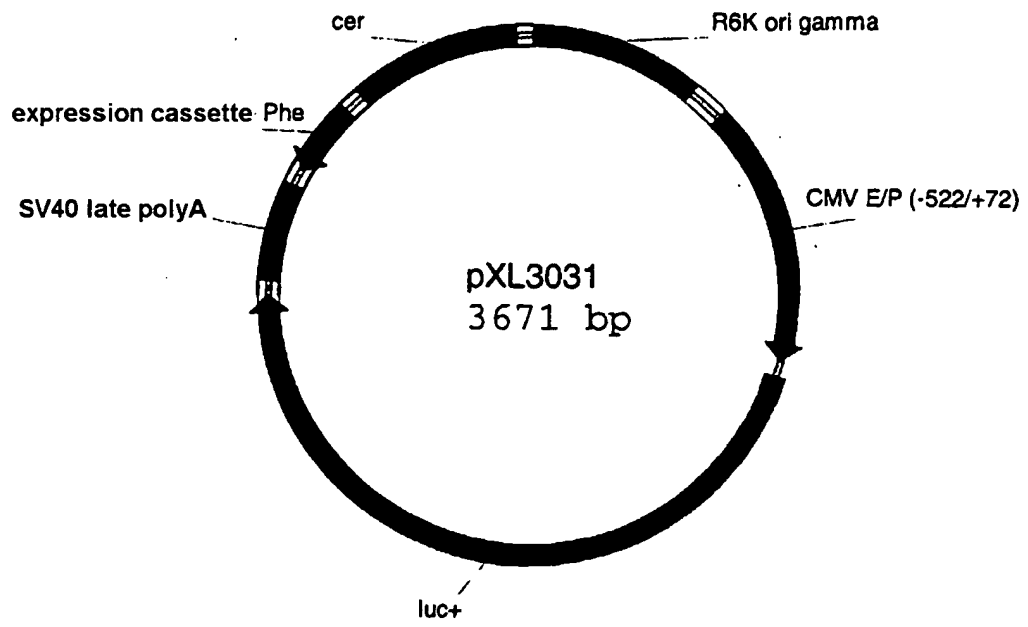


Fig. 6



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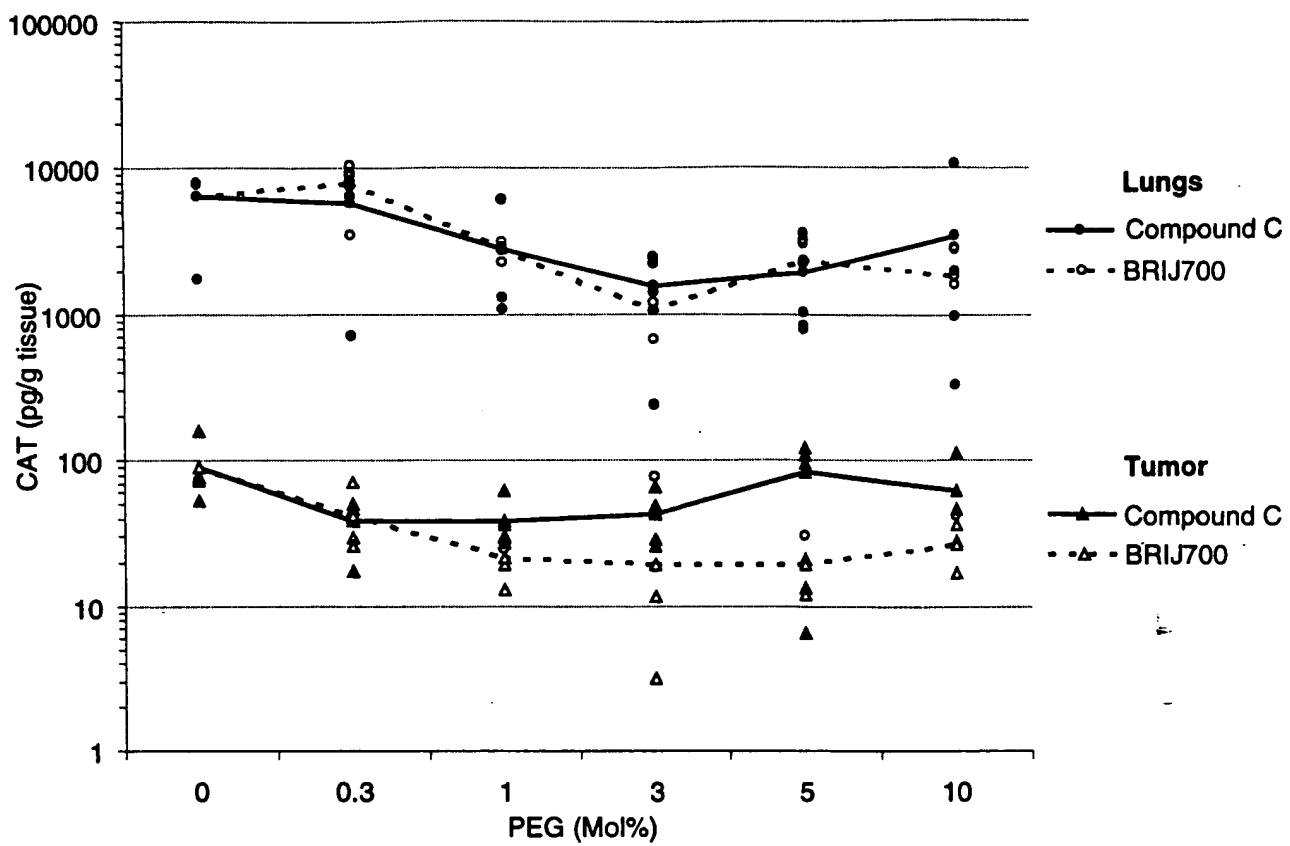


Figure 7: Dose response of pH labile C18-PEG₅₀₀₀ (Compound C) on gene transfer activity in vivo mediated by a cationic lipid/DOPE/DNA (5/5/1) complex. Non-degradable C18-PEG₅₀₀₀ (BRIJ700) was used as a negative control. Data are mean (lines) and individual values of 4 Balb/C mice bearing subcutaneous M109 tumor.

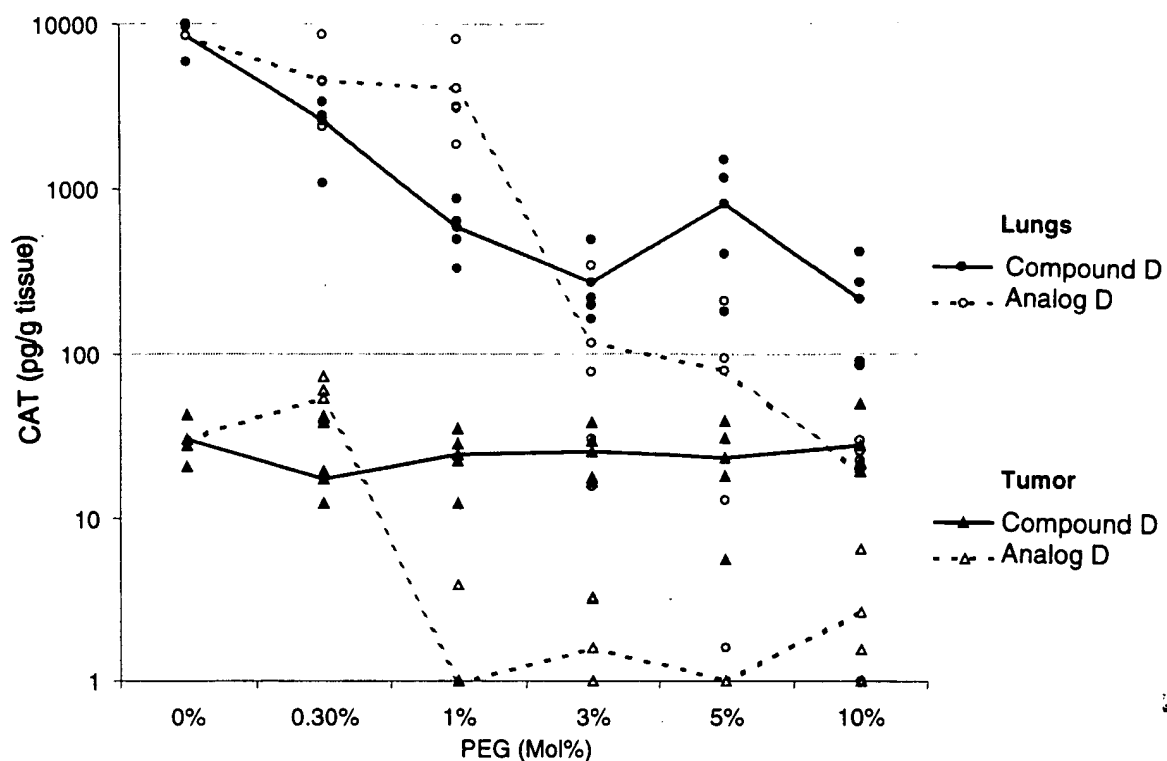


Figure 8: Dose response of pH labile cholesterol-PEG₅₀₀₀ (Compound D) on gene transfer activity in vivo mediated by a cationic lipid/DOPE/DNA (5/5/1) complex. Non-degradable cholesterol-PEG₅₀₀₀ (Analog D) was used as a negative control. Data are mean (lines) and individual values of 4 Balb/C mice bearing subcutaneous M109 tumor.